WO 2004/053093 PCT/US2003/039196

## Prepulse Inhibition (PPI)

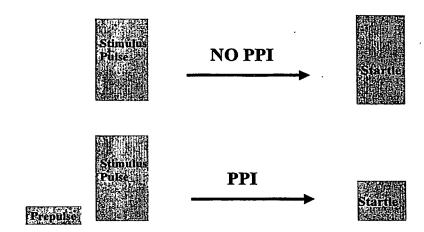


Figure 1.



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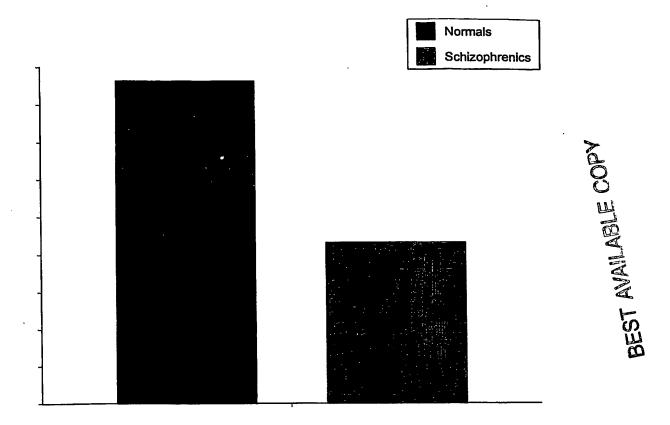


Figure 2
PPI is reduced in Schizophrenia patients

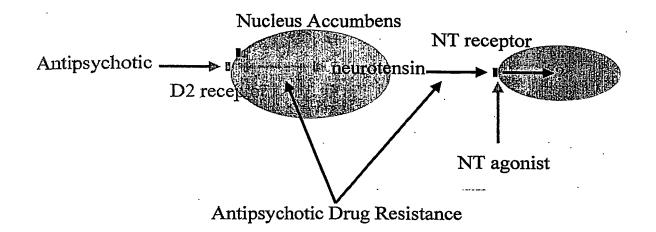


Figure 3

Possible mechanism for psychotropic effects of neurotenin agonists

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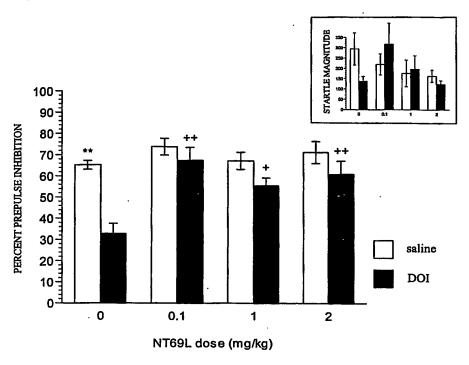


Figure 4 NT69L blocks PPI disruption produced by the serotonin-2A agonist.

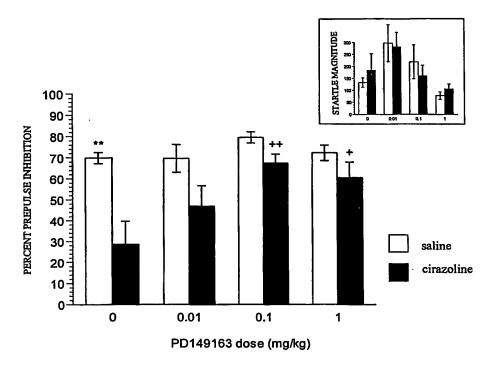


Figure 5
PD149163 blocks the PPI disruption produced by the alpha-1 adrenergic agonist, cirazoline.

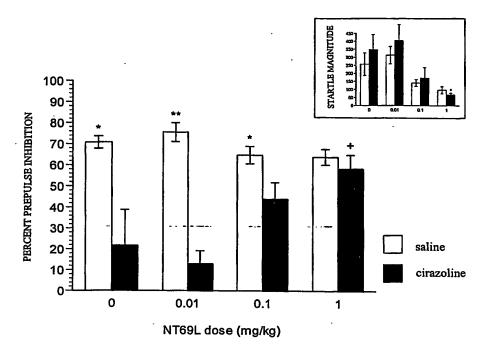
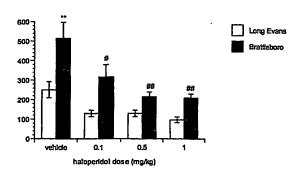


Figure 6
NT69L blocks PPI disruption by cirazoline



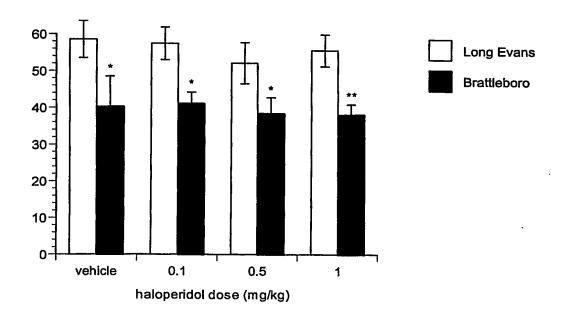


Figure 7
Haloperidol does no effect PPI deficits in BB rats

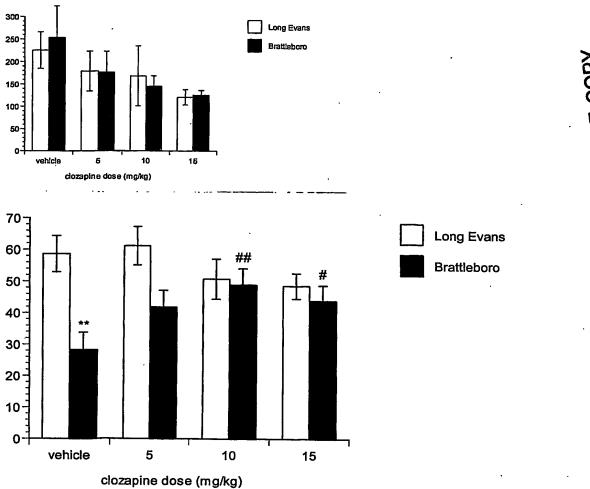


Figure 8
Clozapine, dose-dependently increased PPI in BB rats

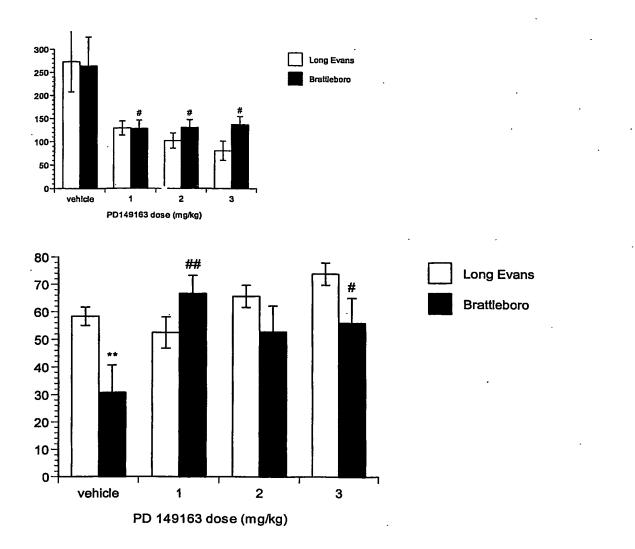


Figure 9
PD149163 increased PPI in BB rats and in control Long Evans rats (wild type)

## **Brown Norway Rats**

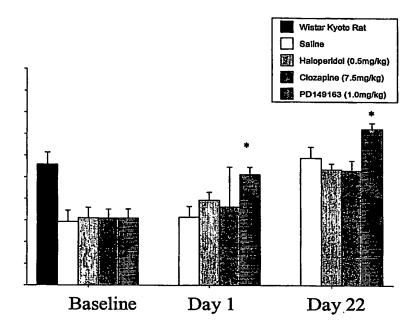


Figure 10
PD149163 but not haloperidol or clozapine increases PPI in BN rats